

THE CURRENT SITUATION AND TREND OF FOUNDRY INDUSTRY DEVELOPMENT

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Through in-depth analysis of the scale and distribution of foundry industry, the current technical situation and market demand, this paper explains the current situation of foundry industry. Based on the current environmental policy, technical innovation and market forecast of the casting industry, this study proposes the possible trend of the industry development. Further, the challenges and opportunities of foundry industry in international trade, raw material price fluctuation and emerging technologies are discussed, and the potential direction of the future development of foundry industry is pointed out. Finally, this paper summarizes the key influencing factors of the development of the foundry industry, and how to find new competitive advantages in the reform, and puts forward strategic suggestions for the sustainable development of the foundry industry.

As an important part of the traditional manufacturing industry, the foundry industry plays an indispensable role in the current situation of economic globalization and fierce market competition. The development of foundry industry is also facing new opportunities and challenges, science and technology is constantly progressing, and the global industrial structure is also constantly adjusting. Now the development status and trend of casting industry are analyzed as follows. First of all, it is worth noting that, in the national economy, the position of the casting industry is becoming more and more prominent. As the world's largest foundry industry in China, the foundry industry in the development of national economy is irreplaceable. The quality and precision of casting products have been greatly improved with the continuous upgrading and improvement of the casting process, and all kinds of advanced casting equipment is overwhelmed. Casting industry also therefore ranks among the pillar industry of the national economy.

Gradually developing from the traditional manual craft to the modern intelligent manufacturing direction, which is the inevitable trend of the industry development. With the continuous progress and innovation of technology, the casting process has been greatly improved and improved, both product quality and production efficiency have been greatly improved, in order to meet the growing market demand. The development of the foundry industry presents a good situation, but also faces many challenges, also ushered in unprecedented development opportunities: environmental protection is increasingly prominent, become an important factor restricting the development of the industry; in addition, energy saving and intelligent process is also the inevitable trend of the development of the industry. Therefore, it can be said that the current foundry industry is facing a new look, in the challenge to meet the opportunity.